

## ABSTRACT OF THE DISCLOSURE

A method of producing a silicon carbide powder comprising sintering a mixture containing at least a silicon source  
5 and a carbon source wherein the carbon source is a xylene-based resin. Preferable are an embodiment in which the above-mentioned silicon source is an alkoxysilane compound, an embodiment in which the above-mentioned alkoxysilane compound is selected from an ethoxysilane oligomer and an  
10 ethoxysilane polymer, an embodiment in which the above-mentioned mixture is obtained by adding an acid to a silicon source, then, by adding a carbon source, and other embodiments. A silicon carbide powder produced by the above-mentioned method of producing a silicon carbide powder  
15 wherein the nitrogen content is 100ppm or less is preferable.

A sintered silicon carbide obtained by sintering the above-mentioned silicon carbide powder wherein the volume resistivity is  $1 \times 10^0 \Omega \cdot \text{cm}$  or more.